

IN THE CLAIMS

1. (Currently Amended) A broadcast data receiver apparatus for receiving and processing data from a plurality of received data transport streams, said data broadcast from a location remote to the receiver, and said receiver comprising:

storage means for storing a local database;

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processing means capable of processing a single stream of data, said receiving apparatus incorporating means for receiving said plurality of data transport streams and processing said streams such that only the ~~data~~ packet identifiers of each stream are locally demultiplexed and re-mapped using the local database, the selected portions of data corresponding to said data packet identifiers from said transport streams then being multiplexed into a single transport stream of data for subsequent processing in the receiver by the processing means.


2. (Previously Amended) Broadcast data receiver apparatus according to claim 1 wherein the transport streams of data are received from at least one from the group consisting of remote broadcast location or locations and/or from data storage means connected to or incorporated in the receiver and other sources connected to or incorporated in the receiver.

3. (Previously Amended) Broadcast data receiver apparatus according to claim 1 wherein said single transport stream of data which is generated by the multiplexing step includes selected packets of data from said plurality of transport streams of data received.

4. (Previously Amended) Broadcast data receiver apparatus according to claim 3 wherein said

packets of data which are selected are selected automatically as they represent data which is required for said broadcast data receiver apparatus to operate correctly and/or in response to user selections.

5. (Previously Amended) Broadcast data receiver apparatus according to claim 1 wherein data from said plurality of transport streams is selected and said selected data is multiplexed into a single stream, is stored or recorded and/or is discarded in accordance with operating parameters for said broadcast data receiver apparatus at any instant.

 6. (Previously Amended) Broadcast data receiver apparatus according to claim 1 wherein said processing means are integrated circuits, which accept one data input stream.

7. (Previously Amended) Broadcast data receiver apparatus according to claim 6 wherein said single transport data stream which is generated is presented to a single input component or components in said receiver for further processing and to allow the data to be used to perform a designated function.

8. (Previously Amended) Broadcast data receiver apparatus according to claim 7 wherein the designated function is selected from the group consisting of at least one of the generation of video displays, audio displays, recording of programs, playback of recorded programs, generation of electronic program guides, linking with internet services, e-mail, interaction with a personal computer, video, and/or other apparatus.

9. (Currently Amended) A method for the generation of a single stream of data for subsequent processing, from received multiple transport streams of data, said method comprising ~~by~~ the steps of;

receiving a plurality of transport streams of data containing packet identifiers,

locally demultiplexing only the packet identifiers within said data streams,

re-mapping the ~~said~~ packet identifiers within the data and selecting packets of data from the plurality of transport streams in accordance with user and/or receiver apparatus selection criteria, multiplexing the ~~said~~ selected packets of data into a single stream of data, for subsequent processing.

10. (Previously Amended) A method according to claim 9 wherein at least one of the received transport streams of data is broadcast data received from a remote location containing at least one from the group consisting of audio, video and auxiliary services data.

11. (Original) A method according to claim 9 wherein demultiplexing of the received data from each transport stream is performed in accordance with information transmitted along with the data and identified by the receiver to in turn identify the packets of data.

12. (Original) A method according to claim 11 wherein the re-mapping of the data packets identifier takes place under control of the receiver so as to allow the required data to be multiplexed into a single stream and avoid identifier clashes between packets of data from different transport streams.

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Conch 13. (Original) A method according to claim 12 wherein the locally controlled re-mapping of the packet identifiers allows the origin of the data to be subsequently identified in subsequent processing the same.
